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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): CASTRO et al.

Group Art Unit: 1775

Serial No.: 10/034,642

Examiner: G. A. Blackwel-Rudasil

Confirmation No.: 9543

Filed: December 28, 2001

Docket No.: 57160US002

Title: POLYCRYSTALLINE TRANSLUCENT ALUMINA-BASED CERAMIC MATERIAL, USES,  
AND METHODS

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

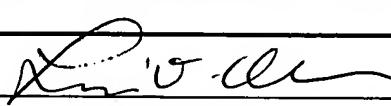
We are transmitting the following documents along with this Transmittal Sheet (which is submitted in triplicate):

- An itemized return postcard.  
 A Petition for Extension of Time for one month (1 pg); Deposit Account 13-4895 charged \$110.00 for the Extension fee.  
 A Supplemental Information Disclosure Statement (2 pgs); copies of 0 applications; 1449 form (1 pgs); and copies of 4 documents cited on the 1449 form; Deposit Account 13-4895 charged in the amount of \$180.00, for the IDS fee.  
 A check in the amount of \$\_\_\_\_\_, for \_\_\_\_\_.  
 A certified copy of a \_\_ application, Serial No. \_\_, filed \_\_\_\_\_, the right of priority of which is claimed under 35 U.S.C. §119.  
 Other:  
 Amendment and Response (18 pgs).  
 No Additional fee is required. The fee has been calculated as shown:

Fee Calculation for Claims Pending After Amendment					
	Pending Claims after Amendment (1)	Claims Paid for Earlier (2)	Number of Additional Claims (1-2)	Cost per Additional Claim	Additional Fees Required
Total Claims				x \$18 =	
Independent Claims				x \$86 =	
One or More New Multiple Dependent Claims Presented? If Yes, Add \$290 Here →					
Total Additional Claim Fees Required					

Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers and please charge any additional fees or credit overpayment to Deposit Account No. 13-4895. Triplicate copies of this sheet are enclosed.

MUETING, RAASCH &amp; GEBHARDT, P.A.

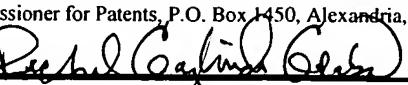
By:   
Name: Loren D. Albin  
Reg. No.: 37,763  
Direct Dial: 612-305-1225  
Facsimile: 612-305-1228

## CERTIFICATE UNDER 37 CFR §1.10:

"Express Mail" mailing label number: EV 405 458 638 US

Date of Deposit: February 5, 2004

I hereby certify that the Transmittal Letter and the paper(s) and/or fee(s), as described hereinabove, are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

By:  Name: Rachel Gagliardi - O'Brien  
(LARGE ENTITY TRANSMITTAL UNDER RULE 1.10)



PATENT  
Docket No. 57160US002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): CASTRO et al. ) Group Art Unit: 1775  
                               )  
Serial No.: 10/034,642       ) Examiner: G.A. Blackwell-Rudasil  
Confirmation No.: 9543       )  
                               )  
Filed: December 28, 2001     )  
                               )  
For: POLYCRYSTALLINE TRANSLUCENT ALUMINA-BASED CERAMIC  
MATERIAL, USES, AND METHODS

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with C.F.R. §§ 1.97 *et. seq.*, the materials enclosed herewith are brought to the attention of the Examiner as possibly being of interest in connection with the above-identified patent application. Per M.P.E.P. § 609, the information cited in the present Information Disclosure Statement shall not be construed to be an admission that the information is, or is considered to be, material to patentability. Consideration of each of the documents listed on the attached 1449 form is respectfully requested. Pursuant to the provisions of M.P.E.P. §609, Applicants further request that a copy of the 1449 form, marked as being considered and initialed by the Examiner, be returned with the next Official Communication.

Since this Information Disclosure Statement is submitted after the receipt of an Office Action in the above-identified patent application, Applicants have authorize a charge to Deposit Account No. 13-4895 in the amount of \$180 under 37 C.F.R. §§1.97(c) and 1.17(p). Please charge any additional fees or credit any overpayment to Deposit Account No. 13-4895.

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**Supplemental Information Disclosure Statement**

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Serial No.: 10/034,642

Confirmation No.: 9543

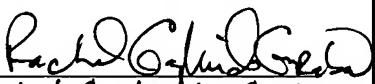
Filed: December 28, 2001

For: POLYCRYSTALLINE TRANSLUCENT ALUMINA-BASED CERAMIC MATERIAL, USES, AND METHODS

The Examiner is invited to contact Applicants' Representatives at the below-listed telephone number, if they can be of any assistance during prosecution of the present application.

**CERTIFICATE UNDER 37 C.F.R. 1.10:**

The undersigned hereby certifies that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Signature:   
Name: Rachel Gagliardi-Galan  
"Express Mail" mailing label number:  
EV 405 458 638 US  
Date of Deposit: February 5, 2004

Date

LDA/rgg

Respectfully submitted for

CASTRO et al.

By

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The Examiner is invited to contact Applicants' Representatives at the below-listed telephone number, if they can be of any assistance during prosecution of the present application.

**INFORMATION  
DISCLOSURE  
STATEMENT**


Atty. Docket No.: 57160US002	Serial No.: 10/034,642
Applicant(s): CASTRO et al.	Confirmation No.: 9543
Application Filing Date: 28 December 2001	Group: 1775
Information Disclosure Statement mailed:	February 5, 2004

**U.S. PATENT DOCUMENTS**

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
		2003/0165790 A1	09/04/03	Castro et al.			

**FOREIGN PATENT DOCUMENTS**

Examiner Initial		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
		EP 0 284 418 A1	09/28/88	EPO				
		WO 01/13862 A1	03/01/01	WIPO				

**OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)**

Examiner Initial		Document Description
		ASTM Designation: E 112-96 <sup>e2</sup> , "Standard Test Methods for Determining Average Grain Size," American Standard Test Method International, West Conshohocken, PA, pp. 1-26 (May 10, 1996).

EXAMINER	Date Considered

\*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.